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(54) Title: HUMAN EMBRYONIC STEM CELL CULTURES, AND COMPOSITIONS AND METHODS FOR GROWING

(57) Abstract: Human pluripotential embryonic stem cell cultures are provided, as are human feeder cells useful for growing the human embryonic stem cells, conditioned medium obtained from cultures of the human feeder cells, and factors derived from the conditioned medium. Also provided are methods of growing human embryonic stem cells in the presence of the human feeder cells, the conditioned medium, the factors derived from the conditioned medium, or a combination thereof. In addition to the human embryonic stem cell cultures grown according to such methods, isolated human embryonic stem cells obtained from such human embryonic stem cell cultures are provided, as are methods of using such isolated cells.



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	cumentation searched (classification system followed l 35/366, 373, 374, 377, 383, 391; 424/93.2	oy classification symbols)	. •		
Documentation	on searched other than minimum documentation to the	extent that such documents are inclu	ided in the fields searched		
	ta base consulted during the international search (nam LUS, BIOSIS, EMBASE, MEDLINE	e of data base and, where practicable	e, search terms used)		
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Further	documents are listed in the continuation of Box C.	See patent family annex.			
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"A" document defining the general state of the art which is not considered to be of particular relevance of particular relevance			e application but cited to understand the he invention		
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tegory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y X	ITANO, M. et al. Establishment and Characterization of a Novel Human Immature Megakaryoblastic Leukemia Cell Line, M-MOK, Dependent on Fibroblasts for its Viability. Experimental Hematology. 1995, Vol. 23, pp. 1301-1309, see especially 1303-1306.	10-34 and 3664
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